

WHAT IS CLAIMED IS:

1. A roller bearing for continuously variable belt and pulley transmission which is used at rotational supporting portions of a continuously variable belt and pulley transmission and in which a plurality of rollers are rollably provided in a circumferential direction between an outer ring raceway and an inner ring raceway, characterized in that;

at least one of an outer ring raceway surface, an inner ring raceway surface and a roller raceway surface is a shape of a full crowning, and that a radius curvature R of the full crowning is made to satisfy a relationship of $0.01 \leq L^2 / (D_a \times R) \leq 0.03$ relative to a diameter D_a and a roller length L of the roller.

2. A roller bearing for continuously variable belt and pulley transmission as set forth in Claim 1, wherein the inner ring raceway surface is formed on a inner ring.

3. A roller bearing for continuously variable belt and pulley transmission as set forth in Claim 1, wherein the inner ring raceway surface is formed on a rotational shaft.